

ABSTRACT OF THE DISCLOSURE

An improved micro-cabinet or vault that facilitates the underground storage of electronic equipment, such as instrumentation for wireless telecommunications antenna systems. The micro-cabinet of the present invention is formed of a metal weldment, preferably stainless steel, which enables it to be made comparatively small without sacrificing strength or equipment security. Because of its reduced size, the micro-cabinet can easily be placed in a public right of way. The micro-cabinet is substantially water-tight with a self contained cooling system and a water evacuation system. The water evacuation system preferably utilizes a one-way pressure actuated exhaust valve that enables the cabinet to be submerged in water with no danger to the enclosed equipment. Alternative cooling systems utilize similar one-way valves or snorkel-type piping. The micro-cabinet also includes a weight or spring assisted rack for storage of and easy access to transceiver equipment in the cabinet. The micro-cabinet is preferably buried in a public right of way adjacent an existing vertical structure such as a light standard or sign. Cabling runs from the transceiver circuitry within the cabinet up along the interior or exterior of the vertical structure to an antenna positioned on top of the vertical structure.